



TECHNICAL DATA SHEETS

UTM AMMUNITION TDS MASTER LIST



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TECHNICAL DATA & USAGE SHEET

5.56mm/.223 TARGET SHOOTING AMMUNITION

Identifiers

Designation: 5.56mm/.223 Target Shooting Ammunition
 Origin: United Kingdom/United States
 P/N: 01-3549
 Gross Package: Cardboard Carton containing 30 rounds.
 98mm (3.86in) x 55mm (2.17in) x 31mm (1.22in) (L x H x D)
 Gross Weight 0.20kg (0.44lb)

Cartridge Components

Cartridge Case: Aluminium
 Cartridge Assembly: 6g
 Cartridge Overall Length: 53mm / 2.09 in
 Front Primer: Boxer Primer
 Rear Primer: .22 Blank / Power Load
 Projectile: See "Projectile Components" (Projectile is powered by primer only).

Projectile Components

Projectile Mass: 0.45g / 6.9gr
 Projectile Assembly: A Base Cup which holds an Inertia Applicator Ball and Marking Compound covered with a Plastic (open) Cruciform Dome.
 Marking Compound: Non-toxic, inert compound.
 Temperature Range of Marking Compound: -5°C to 40°C
 (23°F to 104°F)

Ballistics

Average Muzzle Energy: Avg 2.9 Joules / 2.2ft/lbs
 Average Muzzle Velocity: Avg 114m/sec (375fps)
 Accuracy: 50mm (1.97in) at 25m/27yds (mean radius)
 Maximum Effective Range for Training: Approximately 50m / 55yds
 Optimum Effective Range for Training: Approx. 30m / 32yds & closer.

Operational Data

Noise Levels: Peak 123dB (Indoors)
 Operational Temperature Range: -10°C to 42°C (14°F to 108°F)
 Compatible Firearm Types: AR15 Style Firearms.

Storage

Shelf Life: Minimum five years in original packaging
 (Following recommended storage conditions).
 Recommended Storage: Dry environment, max storage
 temperature 40°C / 104°F

Warranty

1 Year in original packaging (Following recommended storage conditions).



European Patent number: 1228342 additional patents pending. US patent numbers: 6253682, 6371028, 6427600, 6095051, 6378439, 6422149, 6415718, 6564719 UTM, Ultimate Training Munitions, and the "Breech" logo design are trademarks belonging to UTM Ltd.



TECHNICAL DATA & USAGE SHEET

5.56mm/.223 TARGET SHOOTING AMMUNITION

Purpose

- Safe & effective alternative to live ammunition as a short range target round, ideal for beginners, recreational and competition shooters without the need to go to the range.
- Replaces dry fire and enhances live fire practice for professional & recreational shooters.
- Improve your skills & proficiency safely with your own firearm: trigger control, sight alignment, clearing malfunctions, magazine reloads and more...
- Intended for all responsible gun owners, Novice to Professionals.
- Train those new to firearms in firearm safety and basics.

Available Alternatives

- 9mm Target Shooting Ammunition for Pistols.

Characteristics

- Normal firearm function and recoil.
- Easily convert your AR-15 style rifle to fire UTM.
- Simple Bolt Carrier Group Exchange - No Gunsmithing.
- Realistic and consistent cyclic rates in semiautomatic and automatic firearms, which match "Live" fire.
- Once converted, will not fire standard live .223/5.56mm.
- Virtually NO firearm fouling, Environmentally Friendly!

For more information on product alternatives and usage please contact UTM at:

sales@utmworldwide.com
+1.908.725.9000

Usage Guidelines

- UTM converted firearms must be fired "clean and dry" in the firearm bore and barrel. NO LUBRICATION IN THE BARREL.
- Appropriate eye protection (safety glasses or goggles) is mandatory.
- UTM assumes no responsibility for injuries, loss or damage resulting from misuse of this or any of its products.

WARNINGS

When converting back to 'Live' use, ensure that the chamber and bore have been cleaned, cleared of all debris, objects or projectiles and inspected before firing a live round. Failure to ensure that the barrel of the host firearm is free from obstruction could result in damage to the barrel and/or injury to the operator. *You must read and understand the Owner's Manuals for both the UTM Conversion Kit and your firearm. *UTM's Ammunition should only be used in a well maintained, properly functioning firearm, which has been converted using a UTM Conversion Kit. *The BORE and the CHAMBER of the host firearm MUST BE CLEANED AND INSPECTED prior to firing UTM Ammunition. *With the firearm unloaded, ALWAYS clean the barrel after using UTM Ammunition, in order to remove any possible obstructions. Failure to do so prior to returning to conventional ammunition could result in SERIOUS INJURY/DEATH, and/or damage to the firearm. *All firearms that have been converted using the UTM Conversion Kit and Ammunition must be treated as a live firearm. Follow all standard firearm safety rules. All users and bystanders must wear eye protection. *If the firearm fails to fire, point the muzzle in a safe direction, wait 30 seconds and unload it carefully, avoiding the muzzle. *Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead, a substance known to cause cancer, birth defects, reproductive harm and illness or injury. Use in properly ventilated areas only. Wash hands thoroughly after any exposure. *The buyer and/or user assume any and all risk resulting from any usage of this product other than as intended or instructed by UTM. *You must be 21 or older to purchase UTM ammunition. *Check local ordinances regulating firearms discharge.

WARNING: KEEP OUT OF REACH OF CHILDREN.

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TECHNICAL DATA & USAGE SHEET

9mm TARGET SHOOTING AMMUNITION

Identifiers

Designation: 9mm Target Shooting Ammunition

Origin: United Kingdom/United States

P/N: 01-3123

Gross Package: Cardboard Carton containing 50 rounds (in plastic tray).
130mm (5.12in) x 33mm (1.30in) x 67mm (2.64in) (L x H x D)
Gross Weight 0.24kg (0.53lb)

Cartridge Components

Cartridge Case: Aluminium

Cartridge Assembly: 4g

Cartridge Overall Length: 30mm / 1.18 in

Front Primer: Boxer Primer

Rear Primer: Boxer Primer

Projectile: See "Projectile Components" (Projectile is powered by primer only).

Projectile Components

Projectile Mass: 0.45g / 6.9gr

Projectile Assembly: A Base Cup which holds an Inertia Applicator Ball and Marking Compound covered with a Plastic (open) Cruciform Dome.

Marking Compound: Non-toxic, inert compound.

Temperature Range of Marking Compound: -5°C to 40°C
(23°F to 104°F)

Ballistics

Average Muzzle Energy: Avg 1.9 Joules / 1.4ft/lbs

Average Muzzle Velocity: Avg 95m/sec (310fps)

Accuracy: 50mm (1.97in) at 10m/11yds (mean radius)

Maximum Effective Range for Training: Approximately 20m / 22yds

Optimum Effective Range for Training: Approx. 10m / 11yds & closer.

Operational Data

Noise Levels: Peak 129dB (Indoors)

Operational Temperature Range: -10°C to 42°C (14°F to 108°F)

Compatible Firearm Types: Pistols. Calibre dependant on Conversion Kit.

Storage

Shelf Life: Minimum five years in original packaging
(Following recommended storage conditions).

Recommended Storage: Dry environment, max storage
temperature 40°C / 104°F

Warranty

1 Year in original packaging (Following recommended storage conditions).



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